

Converting Colors

Yxy(80.5742, 0.3183, 0.3093)

Have a look what the booklet for
Yxy(80.5742, 0.3183, 0.3093)
contains.

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Color

Yxy(80.3522, 0.3185, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	FBE0F4
RGB	251, 224, 244
RGB Percent	98%, 88%, 96%
CMY	0.0157, 0.1215, 0.0431
CMYK	0.00, 0.11, 0.03, 0.02
HSL	316°, 77%, 93%
HSV	316°, 11%, 98%
XYZ	82.7690, 80.3522, 96.7501
YIQ	234.3530, 9.6720, 11.9440

Conversions

Conversions Part 2

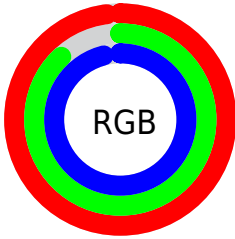
Format	Color
R_{YB}	251, 224, 244
Decimal	16507124
CIE _{Lab}	91.84, 12.63, -6.34
CIE _{LCh}	92, 14.134, 333.342
Yxy	80.3522, 0.3185, 0.3092
Android (android.graphics.Color)	4294697204 (0xFFFFBE0F4)
YUV	234.3530, 4.7560, 14.5994
Hunter-Lab	89.6394, 7.9500, -1.2456

Details

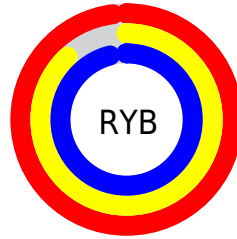
The Yxy color $80.3522, 0.3185, 0.3092$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $90.6079, 0.3074, 0.3496$, and the grayscale version is $82.5210, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.4761, 0.3193, 0.3050$ is the 20% darker color. If you saturate the color by 10%, you get $67.4578, 0.3248, 0.2900$, and if you desaturate by 10%, it is $95.2588, 0.3131, 0.3277$.

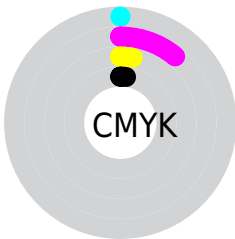
Distribution



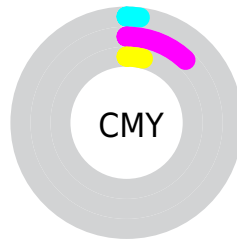
- Red (98%)
- Green (88%)
- Blue (96%)



- Red (98%)
- Yellow (88%)
- Blue (96%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (2%)





- Cyan (2%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.3522, 0.3185, 0.3092 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 80.3522, 0.3185, 0.3092 by changing the saturation by 10% instead.


 80.3522, 0.3185,
0.3092

 80.3522, 0.3185,
0.3092


496.1190, 0.3159,
0.3181

 60.0082, 0.3191,
0.3072

133.8608, 0.3176,
0.3122

 43.4253, 0.3197,
0.3049


167.7942, 0.3173,
0.3134

 30.2189, 0.3206,
0.3019


207.0262, 0.3170,
0.3144

 20.0048, 0.3216,
0.2981


251.9412, 0.3167,
0.3153

 12.3985, 0.3231,
0.2930

302.9236, 0.3165,
0.3161

 7.0157, 0.3250,
0.2861

360.3577, 0.3163,

 3.4719, 0.3278,

0.3169

0.2757

424.6281, 0.3161,
0.3175

■ 1.3828, 0.3322,
0.2589

■ 0.2040, 0.3661,
0.1487

■ 80.3522, 0.3185,
0.3092

■ 80.3522, 0.3185,
0.3092

■ 67.4578, 0.3248,
0.2900

■ 95.2588, 0.3131,
0.3277

■ 56.4781, 0.3322,
0.2707

■ 99.2483, 0.3102,
0.3290

■ 47.3231, 0.3405,
0.2517

■ 39.8914, 0.3497,
0.2341

■ 34.0718, 0.3598,
0.2188

■ 29.7400, 0.3703,
0.2069

■ 26.7533, 0.3811,
0.1994

■ 24.9410, 0.3916,
0.1968

■ 24.0591, 0.4011,
0.1983

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3522, 0.3019, 0.3022



80.3522, 0.3185, 0.3092



80.3522, 0.3339, 0.3211

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.3522, 0.3185, 0.3092



80.3522, 0.3371, 0.3565



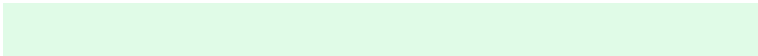
80.3522, 0.2828, 0.3214

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80.3522, 0.3185, 0.3092



90.6079, 0.3074, 0.3496

Split Complementary

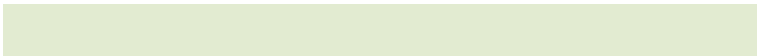
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.3522, 0.2918, 0.3367



80.3522, 0.3185, 0.3092



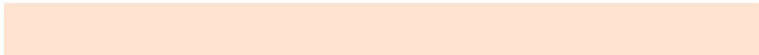
80.3522, 0.3230, 0.3574

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



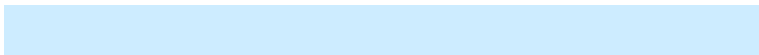
80.3522, 0.3185, 0.3092



80.3522, 0.3447, 0.3482



80.3522, 0.3064, 0.3501



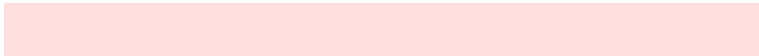
80.3522, 0.2817, 0.3088

Rectangle

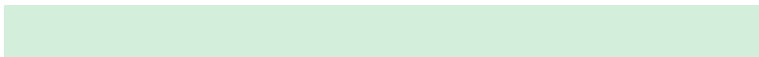
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.3522, 0.3185, 0.3092



80.3522, 0.3412, 0.3305



80.3522, 0.3064, 0.3501



80.3522, 0.2850, 0.3264

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80.3557, 0.3185, 0.3092



95.0891, 0.3142, 0.3236



77.2271, 0.3002, 0.3013



20.0791, 0.3146, 0.3221



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

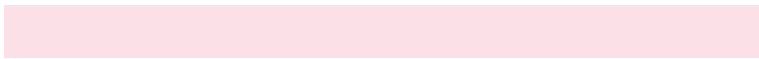
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.3557, 0.3185, 0.3092



80.1034, 0.3198, 0.3049



79.5784, 0.3273, 0.3223



17.4435, 0.3178, 0.3116



12.6720, 0.3994, 0.1974



1.1909, 0.3879, 0.1911

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80.3557, 0.3185, 0.3092



80.1034, 0.3198, 0.3049



91.3862, 0.2999, 0.3358



17.4435, 0.3178, 0.3116



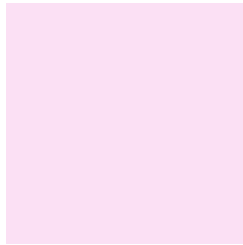
12.6720, 0.3994, 0.1974



1.1909, 0.3879, 0.1911

Previews

White Background



This preview shows how the Yxy color 80.3522, 0.3185, 0.3092 looks on a white background.

Color Contrast Check

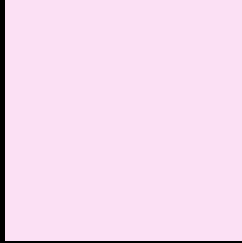
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 80.3522, 0.3185, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

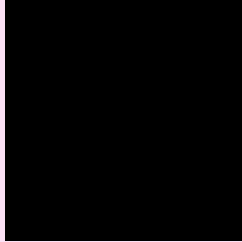
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.3522, 0.3185, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 80.3522, 0.3185, 0.3092.



This preview shows how white text looks on a background with the Yxy color 80.3522, 0.3185, 0.3092.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

80.3522, 0.3185, 0.3092

Protanopia

80.3599, 0.3022, 0.3106

Deuteranopia

80.5218, 0.3171, 0.3101



Tritanopia

80.2313, 0.3198, 0.3112

Trichromacy



Original Color

80.3522, 0.3185, 0.3092

Protanomaly

80.3793, 0.3075, 0.3098

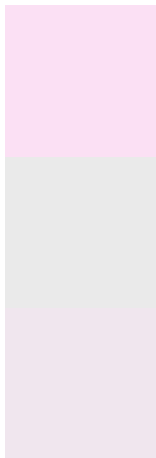
Deuteranomaly

80.7061, 0.3178, 0.3102

Tritanomaly

80.2916, 0.3192, 0.3102

Monochromacy



Original Color

80.3522, 0.3185, 0.3092

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.2919, 0.3145, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.3522, 0.3185, 0.3092 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(251, 224, 244)` looks like.

```
.text, #text, p{  
    color:rgb(251, 224, 244)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(251, 224, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 224, 244) }
```

Border

The CSS property to change the border of an element to Yxy 80.3522, 0.3185, 0.3092 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 224, 244) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(251, 224, 244) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(251, 224, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 224, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 224, 244);  
box-shadow:4px 4px 4px 4px rgb(251, 224,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 80.3522, 0.3185, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 224, 244) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(251,  
224, 244) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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